

## ABSTRACT OF THE DISCLOSURE

A fiber optic faceplate for protecting photosensitive material from high light levels which comprises an optical structure which optically acts like a solid window at low light levels, but which at least one of attenuates or diffuses light incident on the photocathode 5 as a function of light amplitude. A method of operation and of manufacturing the faceplate, and devices incorporating the faceplate are also disclosed.

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